

JOB SAFETY ANALYSIS

Safety Information for the University of California, Berkeley

FACILITIES SERVICES

MAINTENANCE OF FIRE ALARMS, PANELS, AND SENSORS

| TASK | HAZARDS | CONTROLS |
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| 1. Preparing work area | Injuries to passersby and bystanders | Isolate work area with barricades, caution tape, and/or on-site assistant |
| | False alarm response; client anxiety/irritation/panic; disruption of campus business | Phone UCPD and notify building clients; schedule work appropriately |
| 2. Using ladders and lifts | Falls, slips, electrical hazards | Refer to ladder safety and aerial lift JSAs. |
| 3. Working in sub-ceilings, cramped spaces, custodial closets, machine rooms | Muscle strain, repetitive stress injuries | Stretching, frequent breaks, adequate hydration, alternate tasks with team partner |
| | Heat stress | Frequent breaks, adequate hydration, alternate tasks with team partner |
| | Head and/or eye injuries from falling or flying debris, dust inhalation | Protect head and eyes with hard hat and safety glasses; wear dust mask. |
| | Hand and finger injuries from pinch points | Protect hands with gloves; avoid pinch points and moving machinery parts. |
| | Skin/eye irritation from dirt and chemicals | Wear safety glasses and long-sleeved shirt. |
| | Tripping hazards from cables and extension cords | Practice careful housekeeping; maintain awareness of location of equipment and tools. |
| 4. Repairing, replacing, or maintaining fire alarms, panels, or sensors | Electrical shock | Assess environment for water or damaged wiring/connectors before starting work; evaluate condition/age of building and consult written procedures (confidential to department) for that building before starting work. |
| 5. Testing horns | Hearing damage to self and others | Wear ear plugs; notify building clients and UCPD prior to tests. |

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| <p>Other Information:</p> <p>Contributors:</p> <p>Created:</p> <p>JSA Library Number:</p> | <p>Required Training:</p> <ol style="list-style-type: none"> 1. Ladder safety 2. Aerial lift training 3. Electrical safety 4. Departmental building-specific alarm maintenance procedures | <p>Required Personal Protective Equipment (PPE)</p> <ol style="list-style-type: none"> 1. Safety glasses 2. Dust mask 3. Hard hat 4. Gloves 5. Ear plugs |
| | <p>Senior EH&S Technician Jim Ostdick; Fire Alarm Inspection & Testing Supervisor Karen Lobo; Fire Alarm Technician Hadi Kamkar July 2003 FS-FIRE-212</p> <p>For more information about this JSA, contact the <i>Office of Environment, Health and Safety</i> at UC Berkeley, 317 University Hall #1150, Berkeley, CA 94720-1150 (510) 642-3073 ● http://www.ehs.berkeley.edu</p> <p><i>The development of Job Safety Analyses is a Balanced Scorecard initiative of the AVC-BAS Safety Committee, sponsored by the Associate Vice Chancellor-Business and Administrative Services (AVC-BAS) and the AVC-BAS Leadership Team ● http://bas.berkeley.edu/balancedscorecard</i></p> | |